

A Commercial Tilapia, Tilapia mossambica, Hatchery
for the Hawaiian Skipjack Tuna, Katsuwonus pelamis,
Fishery--A Cost Analysis and Problematical Study

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ABSTRACT

The Hawaiian skipjack tuna fisherman spends a good part of his time catching nehu, Stolephorus purpureus, for bait instead of fishing. This paper considers pond-raised tilapia, Tilapia mossambica, as a possible alternative bait, and sets forth information about a commercial tilapia production plant. If the fishermen purchased tilapia and fished full time, their bait would cost less than it does now, since the current break-even cost to the fisherman of a bucket of nehu is determined to be \$30.12, while the highest cost estimate for pond-reared tilapia is \$17.56.